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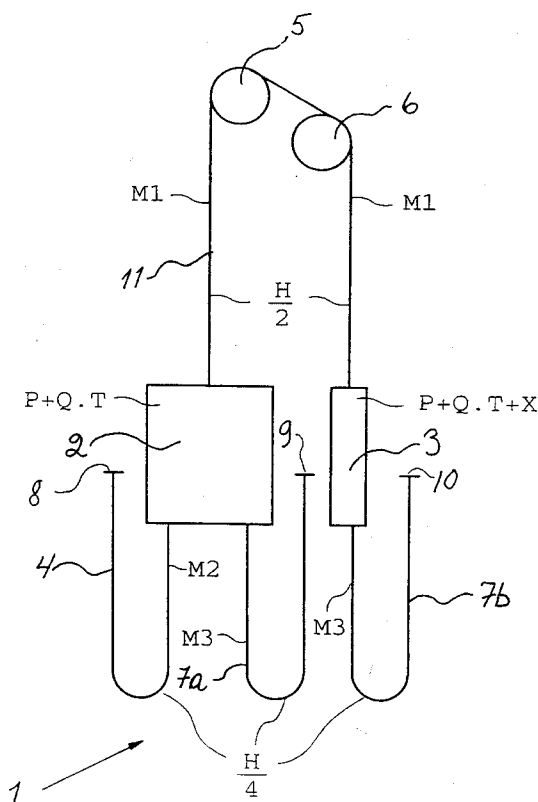
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13.09.95 Bulletin 95/37(71) Applicant: **KONE OY**
Munkkiniemen Puistotie 25
SF-00330 Helsinki 33 (FI)(72) Inventor: **De Jong, Johannes**
Kauhajoenkuja 1
SF-04430 Järvenpää (FI)(74) Representative: **Zipse + Habersack**
Kemnatenstrasse 49
D-80639 München (DE)(54) **Rope compensation for elevator.**

(57) The invention relates to a compensation arrangement in an elevator (1) comprising an elevator car (2) and a counterweight (3), elevator suspension ropes (11) on which the elevator car (2) and the counterweight (3) are suspended, a traction sheave (5) whose motion is transmitted via the suspension ropes (11) to the elevator car (2) and to the counterweight (3), a car cable (4) and at least one diverting pulley (6). The compensation arrangement consists of at least one compensation loop (7a) for the elevator car (2), said loop being suspended from the elevator car (2) and a shaft wall, and at least one compensation loop (7b) for the counterweight (3), said loop being suspended from the counterweight (3) and a shaft wall. The circulation speed of the compensation loop (7b) for the counterweight (3) is half the travelling speed of the counterweight (3), and the circulation speed of the compensation loop (7a) for the elevator car (2) is half the travelling speed of the elevator car (2). The compensation loops (7a,7b) are attached to the shaft wall at a point at or above the midpoint of the path of the elevator car (2) or counterweight (3).

**Fig.1****EP 0 653 372 A3**



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EUROPEAN SEARCH REPORT

Application Number
EP 94 11 8029

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	F.A. ANNETT 'Elevators' 1960 , MCGRAW-HILL BOOK COMPANY, INC. , NEW YORK * page 76 - page 77, line 1 * * page 78, last line - page 79, line 16 * * figures 2-23 2-24 *	1	B66B7/06
Y	---	2	
Y	EP-A-0 385 255 (OTIS ELEVATOR COMPANY) * column 3, line 27 - line 36 * * figure 2 * -----	2	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			B66B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 11 July 1995	Examiner Salvador, D
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			